

The Building Trades:

Training for California's Green Future



Demand for workers

Estimated 144,000 new construction workers needed over next 10 years (DAS)

 \$37 Billion in State Infrastructure Bonds, plus \$15 Billion in county bonds

+

Stimulus & Green Jobs

+

 Retirement of current workers (25% in next 7 years, but may be delayed...)

Who are we?

- National
 - Building & Construction Trades Department, AFL-CIO
- State
 - State Building & Construction Trades Council of CA, AFL-CIO
- Regional / Local
 - 22 Local Building Trades Councils
 - ▶ 175 Individual Trade Unions all over CA
 - ▶135 Apprenticeship Programs--JATCs

Meet The Building Trades

Boilermakers

Bricklayers

Carpenters

Electrical Workers

Elevator Constructors

Heat & Frost Insulators & Asbestos Workers

Iron Workers

Laborers

Operating Engineers

Plasterers & Cement Masons

Painters, Glaziers, Floor Coverers

Plumbers & Pipe Fitters (aka United Association)

Roofers & Waterproofers

Sheet Metal Workers

Teamsters

How Union Apprenticeship Programs Work

- New apprentices are employed—classroom learning supplements training on the job under the tutelage of journeymen. "Learn as you earn."
- Apprenticeship Programs are 3-5 years.
- Programs operate under standards by the CA Division of Apprenticeship Standards (DAS)
- The sponsoring Joint Apprenticeship Training Committee (JATC) pays the costs, making it affordable for all.

Capacity of Union Apprenticeship Programs

- Union members & employers invest in the future—spending \$100 million/year on apprenticeship training in CA. (\$5-8,000/year/apprentice)
- Programs gear up/down based on work & need. Acceptance into a program varies by trade and local market conditions.
- International unions and the National Labor College are developing green curricula.

2008

Outreach to youth and transitioning adults

- 124 schools (classes & career fairs)
- 71 community group presentations
- 58 community, one-stop and multi-craft career fairs
- One stop staff trainings
 presentations at prisons, juvenile halls, camps, schools, probation programs



www.BuildingC3.com

Basic Requirements

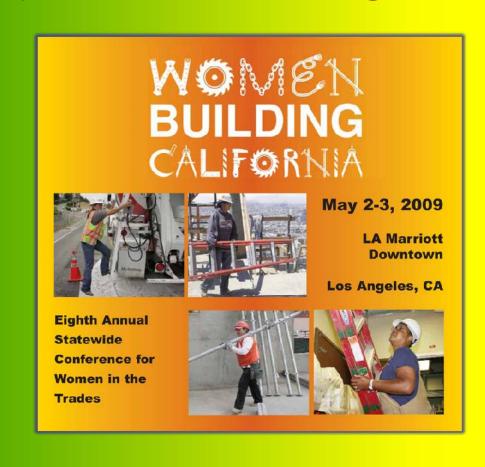
- MUST
- Be 18 years old
- Have H.S. diploma or GED
- Be Drug Free
- shouldi
- Have CA Drivers License
- Transportation
- Good Math Skills
- Ability to Read & Write

Partnerships are key to preparing people for applying to apprenticeship

Great Opportunities For...

- WOMEN—to choose high paying careers over "dead-end" jobs
- VETERANS—transition from military with Helmets to Hardhats program
- EX-OFFENDERS—shift from prison to paychecks

Women are gaining access to & visibility in the building trades



Helmets to Hardhats

National Building Trades program links employers and apprenticeship programs with veterans seeking work.

Primarily web-based.

www.helmetstohardhats.org

What's GREEN about it?

Building Green Skills:

Partnership of Calif. Labor Federation and

State Building Trades Council

Employment Training Panel (ETP) funds

JATCs to train journeymen for green jobs

Initial grant (with more to come):

- > \$1.2 Million
- > 6 JATCs

Training journeymen in:

Solar Installation
New types of floor & wall
coverings

New Plumbing and piping: going

waterless M

Wind Turbines

Smart Buildings

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